

## ***Appendix A***

## ***Acronyms and Abbreviations***

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<b>AASHTO</b>	American Association Of State Highway And Transportation Officials
<b>ACI</b>	American Concrete Institute
<b>ACP</b>	Asphaltic Concrete Pavement
<b>ACZA</b>	Ammoniacal Copper Zinc Arsenate
<b>ADA</b>	Americans With Disabilities Act
<b>ADO</b>	Average Daily Openings
<b>ADT</b>	Average Daily Traffic
<b>ADTT</b>	Average Daily Truck Traffic
<b>AHJ</b>	Authorities Having Jurisdiction
<b>AIPP</b>	Art in Public Places
<b>ANSI</b>	American National Standards Institute
<b>APS</b>	Accessible Pedestrian Signal
<b>ASCE</b>	American Society of Civil Engineers
<b>ASDE</b>	Assistant State Design Engineer
<b>ASME</b>	American Society of Mechanical Engineers
<b>ASTM</b>	American Society For Testing And Materials
<b>ATM</b>	Automated Teller Machine
<b>AWS</b>	American Welding Society
<b>B/C</b>	Benefit Cost
<b>BDM</b>	Bridge Design Manual
<b>BF</b>	Ballast Factor
<b>BMP</b>	Best Management Practice
<b>CBP</b>	Customs Border Patrol
<b>CCTV</b>	Closed Circuit Television
<b>CDF</b>	Control Density Fill

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<b>CE</b>	Categorical Exclusion
<b>CEVP</b>	Cost Estimate Validation Process
<b>CFM</b>	Cubic Feet Per Minute
<b>CFR</b>	Code Of Federal Regulations
<b>CLSM</b>	Controlled Low-Strength Material
<b>CR1</b>	Commuter Route Type 1
<b>CR2</b>	Commuter Route Type 2
<b>CRF</b>	Comment Review Form
<b>CSO</b>	Company Security Officer
<b>CW</b>	Counter Weight
<b>DBE</b>	Disadvantaged Business Enterprise
<b>DC</b>	Direct Current
<b>DCE</b>	Documented Categorical Exclusion
<b>DDM</b>	Design Decisions Memorandum
<b>DDP</b>	Design Documentation Package
<b>DDS</b>	Design Decision Summary
<b>DE</b>	Design Earthquake
<b>DHS</b>	Department of Homeland Security
<b>DL</b>	Dead Load
<b>DIA</b>	Diameter
<b>DL</b>	Dead Load
<b>DLE</b>	Design Level Earthquake
<b>DM</b>	Design Manual
<b>DOS</b>	Declaration of Security
<b>DOT</b>	Department of Transportation
<b>DNR</b>	Department of Natural Resources
<b>DNS</b>	Determination of Significance

<b>DS</b>	Determination of Non-significance
<b>DQC</b>	Document Quality Control
<b>DVI</b>	Design Variance Inventory
<b>DVIS</b>	Design Variance Inventory System
<b>DWG</b>	Drawing
<b>EA</b>	Each, Environmental Assessment
<b>ECS</b>	Environmental Classification Summary
<b>EFC</b>	Electronic Fare Collection
<b>EFS</b>	Electronic Fare System, Exterior Finish System
<b>EIBC</b>	Existing International Building Code
<b>EIA</b>	Electronic Industries Alliance
<b>EIS</b>	Environmental Impact Statement
<b>EL</b>	Elevation
<b>EMS</b>	Electronic Message Signs
<b>EPA</b>	Environmental Protection Agency
<b>ERS</b>	Environmental Review Summary
<b>ESA</b>	Endangered Species Act
<b>ESHB</b>	Engrossed State House Bill
<b>ESM</b>	Enterprise Security Management
<b>EU</b>	Evaluate Upgrade
<b>EXIST</b>	Existing
<b>FAR</b>	Ferry Advisory Radio
<b>FHWA</b>	Federal Highway Administration
<b>FONSI</b>	Finding of No Significant Impact
<b>FPS</b>	Feet per Second
<b>FT</b>	Foot
<b>FTA</b>	Federal Transit Administration

<b>FTE</b>	Full Time Equivalent
<b>FWS</b>	Fish and Wildlife Service
<b>GA</b>	General Administration
<b>GAL</b>	Gallons
<b>GPM</b>	Gallons per Minute
<b>HAR</b>	Highway Advisory Radio
<b>HAZMAT</b>	Hazardous Materials
<b>HID</b>	High-intensity Discharge
<b>HMA</b>	Hot Mix Asphalt
<b>HORIZ</b>	Horizontal
<b>HOT</b>	High Occupancy Toll
<b>HOV</b>	High Occupancy Vehicle
<b>HPA</b>	Hydraulic Project Approval
<b>HPS</b>	High Pressure Sodium
<b>HPU</b>	Hydraulic Power Unit
<b>HRM</b>	Highway Runoff Manual
<b>HSAS</b>	Homeland Security Advisory System
<b>HQ</b>	Headquarters
<b>HVAC</b>	Heating, Ventilation, and Air Conditioning
<b>IBC</b>	International Building Code
<b>ID</b>	Inside Diameter
<b>IE</b>	Invert Elevation
<b>IEC</b>	International Electrotechnical Commission
<b>IEEE</b>	Institute of Electrical and Electronics Engineers
<b>IFC</b>	International Fire Code
<b>IT</b>	Information Technology
<b>IHA</b>	Incidental Harassment Authorizations

<b>IESNA</b>	Illumination Engineering Society of North America
<b>IMC</b>	International Mechanical Code
<b>ISO</b>	International Organization for Standardization
<b>ITS</b>	Intelligent Transportation System
<b>JB</b>	Junction Box
<b>KW</b>	Kilowatt
<b>KT</b>	Knot (Nautical Mile per Hour)
<b>LB</b>	Pound
<b>LCC</b>	Line Control Cabinet
<b>LCCM</b>	Life Cycle Cost Model
<b>LED</b>	Light Emitting Diode
<b>LEED</b>	Leadership in Energy and Environmental Design
<b>LF</b>	Linear Feet
<b>LFD</b>	Load Factor Design
<b>LID</b>	Low Impact Development
<b>LL</b>	Live Load
<b>LLD</b>	Lamp Lumen Depreciation
<b>LRFD</b>	Load And Resistance Factor Design
<b>LRP</b>	Long Range Plan
<b>LOS</b>	Level of Service
<b>MAX</b>	Maximum
<b>MARSEC</b>	Maritime Security
<b>MBTA</b>	Migratory Bird Treaty Act
<b>MCP</b>	Motor Control Panel
<b>MEF</b>	Maximum Extent Feasible
<b>MH</b>	Metal Halide
<b>MHZ</b>	Megahertz

<b>MIL</b>	Milimeters
<b>MIN</b>	Minimum, Minutes
<b>MLLW</b>	Mean Lower Low Water
<b>MMPA</b>	Marine Mammal Protection Act
<b>MOA</b>	Memorandum of Agreement
<b>MOTEMS</b>	Marine Oil Terminal Engineering And Maintenance Standards
<b>MOU</b>	Memorandum of Understanding
<b>MPH</b>	Miles Per Hour
<b>MTS</b>	Manual Transfer Switch
<b>MUTCD</b>	Manual on Uniform Traffic Control Devices
<b>MWBE</b>	Minority/Women-Owned Business Enterprise
<b>NAAQS</b>	National Ambient Air Quality Standards
<b>NAD</b>	North American Vertical Datum
<b>NAVD</b>	North American Vertical Datum
<b>NGVD</b>	National Geodetic Vertical Datum
<b>NEC</b>	National Electric Code
<b>NEPA</b>	National Environmental Policy Act
<b>NFPA</b>	National Fire Protection Association
<b>NGS</b>	National Geodetic Survey
<b>NHS</b>	National Highway System
<b>NMFS</b>	National Marine Fisheries Service
<b>NOAA</b>	National Oceanic and Atmospheric Administration
<b>NO<sub>x</sub></b>	Nitrogen Oxides
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NPT</b>	National Pipe Thread
<b>NPV</b>	Net Present Value
<b>NTDE</b>	National Tidal Datum Epoch

<b>NTS</b>	Not To Scale
<b>O&amp;M</b>	Operations and Maintenance
<b>OD</b>	Outside Diameter
<b>OFM</b>	Office of Financial Management
<b>OHL</b>	Overhead Loading
<b>OLE</b>	Operational Level Earthquake
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PA</b>	Public Address
<b>PAR</b>	Pedestrian Access Route
<b>PC</b>	Personal Computer
<b>PCB</b>	Polychlorinated Biphenyl
<b>PCCP</b>	Portland Cement Concrete Pavement
<b>PCF</b>	Pounds Per Cubic Foot, Project Considerations Form
<b>PCRF</b>	Project Change Request Form
<b>PD</b>	Project Definition
<b>PE</b>	Polyethylene
<b>PF</b>	Project File
<b>PFD</b>	Personal Floatation Device
<b>PIF</b>	Project Impacts Form
<b>PLC</b>	Programmable Logic Controller
<b>PO</b>	Passenger Only
<b>PPM</b>	Plans Preparation Manual
<b>PSCAA</b>	Puget Sound Clean Air Agency
<b>PSE</b>	Puget Sound Energy
<b>PSF</b>	Pounds per Square Foot
<b>PSI</b>	Pounds per Square Inch
<b>PTZ</b>	Pan Tilt Zoom

<b>PVC</b>	Polyvinyl Chloride
<b>PVDF</b>	Polyvinylidene Fluoride
<b>QA</b>	Quality Assurance
<b>QC</b>	Quality Control
<b>R/W</b>	Right of Way
<b>RCW</b>	Revised Code of Washington
<b>RDCR</b>	Reducer
<b>ROD</b>	Record of Decision
<b>ROI</b>	Return on Investment
<b>ROW</b>	Right of Way
<b>RTPO</b>	Regional Transportation Planning Organization
<b>SBC</b>	Seattle Building Code
<b>SEI</b>	Structural Engineering Institute
<b>SEPA</b>	[Washington] State Environmental Policy Act
<b>SIP</b>	State Implementation Plan
<b>SF</b>	Square Foot , Square Feet
<b>SLR</b>	Sea Level Rise
<b>SMP</b>	Shoreline Master Program
<b>SMS</b>	Safety Management System
<b>SOV</b>	Single Occupancy Vehicle
<b>SPCC</b>	Spill Prevention, Control, and Countermeasures
<b>SQ</b>	Square
<b>SQ FT</b>	Square Foot, Square Feet
<b>SR</b>	State Route
<b>SSI</b>	Sensitive Security Information
<b>SSPC</b>	The Society for Protective Coatings
<b>STD</b>	Standard



<b>STA</b>	Station
<b>SWPP</b>	Stormwater Pollution Prevention
<b>SWPPP</b>	Stormwater Pollution Prevention Plan
<b>TEMP</b>	Temporary
<b>TESC</b>	Temporary Erosion and Sediment Control
<b>TIA</b>	Telecommunications Industry Association
<b>TIP</b>	Transportation Improvement Program
<b>TMDL</b>	Total Maximum Daily Load
<b>TRB</b>	Transportation Research Board
<b>TSA</b>	Transportation Security Administration
<b>TS&amp;L</b>	Type Size and Location
<b>TWIC</b>	Transportation Worker Identification Credential
<b>TYP</b>	Typical
<b>U&amp;A</b>	Usual and Accustomed
<b>UBC</b>	Uniform Building Code
<b>UFC</b>	Unified Facilities Criteria
<b>UHMW</b>	Ultra-High Molecular Weight
<b>UL</b>	Underwriters Laboratories
<b>ULL</b>	Uniform Live Load
<b>UPC</b>	Uniform Plumbing Code
<b>USC</b>	United States Code
<b>USCBP</b>	United States Customs and Border Protection
<b>USCG</b>	United States Coast Guard
<b>USFWS</b>	United States Fish and Wildlife Service
<b>USDOT</b>	United States Department of Transportation
<b>VATS</b>	Vessel and Terminal Security
<b>VCT</b>	Vinyl Composite Tile

<b>VE</b>	Value Engineering
<b>VERT</b>	Vertical
<b>VMS</b>	Variable Message Sign
<b>VOC</b>	Volatile Organic Compound
<b>VPHT</b>	Vehicles per Hour per Toll Booth
<b>VTs</b>	Vehicle Transfer Span
<b>WAC</b>	Washington Administrative Code
<b>WB-50</b>	Wheelbase 50
<b>WDFW</b>	Washington Department of Fish and Wildlife
<b>WISHA</b>	Washington Industrial Safety and Health Act
<b>WSDOT</b>	Washington State Department of Transportation
<b>WSF</b>	Washington State Ferries
<b>WSP</b>	Washington State Patrol
<b>WZTCP</b>	Work Zone Traffic Control Plan